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Via Email (werner.leah@epa.com)

December 14, 2022

Leah Werner
Remedial Project Manager
U.S. EPA Region V
Superfund Division (SR-6J)
77 W. Jackson Blvd.
Chicago, IL 60604-3590

**Reference: Gary Development Landfill Superfund Site, Gary, Indiana
Administrative Settlement Agreement and Order on Consent for the Remedial
Investigation/Feasibility Study,
CERCLA Docket No. V-W-14-C-004
November 2022 Monthly Progress Report #103**

Dear Ms. Werner:

In fulfillment of the requirements of Section IX, Paragraph 32, of the Administrative Settlement Agreement and Order on Consent for the Remedial Investigation/Feasibility Study, CERCLA Docket No. V-W-14-C-004, the Respondents are submitting the November 2022 monthly progress report.

Should you have any questions or comments, please contact me or Bennie Underwood at (865) 691-5052.

Sincerely,
de maximis, inc.

A handwritten signature in blue ink, reading "Michael H. Samples".

Michael H. Samples
Alternate Project Coordinator

MHS:

Enclosure

cc: (via e-mail)

Stephanie Andrews, IDEM
Jeff Cahn, Esq., USEPA
David Rieser, Esq., K&L Gates
Bennie Underwood, *de maximis*
GDL Technical Committee

MONTHLY PROGRESS REPORT - #103

PROJECT NAME: Gary Development Landfill Superfund Site

PERIOD COVERED: November 2022

A. ACTIONS TAKEN TOWARD COMPLIANCE WITH THE SETTLEMENT AGREEMENT

- During the period of November 3 through 7, 2022, vegetation management activities were performed. This activity involved the clearing of paths to facilitate access for investigative derived waste (IDW) handling and future investigation activities.
- On November 15, 2022, representatives for the United States Environmental Protection Agency (EPA), Indiana Department of Environmental Management (IDEM), and the Settling Work Parties (SWPs) participated in a Site visit.
- On November 16, 2022, representatives for the Great Lakes National Program Office (GLNPO), EPA, IDEM, and the SWPs participated in a conference call. The purpose of the call was to coordinate GLNPO's pending remediation of the Grand Calumet River and Site efforts.
- Under a cover letter dated November 18, 2022, and on behalf of the SWPs, EPA was provided with the Supplemental Source Area Investigation Work Plan.

B. SAMPLING AND TESTING ACTIONS AND RESULTS

- On November 7, 2022, the SWPs consultant (Weaver Consultants Group) collected samples of soil IDW drums for disposal characterization. This activity involved arranging the drums into six groups of approximately 11 drums. Each soil IDW drum was opened, and the drum contents screened with a photo-ionization detector (PID). At each of the six groupings of drums, a grab sample for volatile organic compound (VOC) analysis was collected from the drum that exhibited the highest PID reading or greatest visual or olfactory observation. Samples of soil from each drum within a given drum grouping were then homogenized and composited into a single composite sample for analysis of Toxic Characteristic Leaching Procedure (TCLP) metals and VOCs, total cyanide, sulfide (acid soluble and insoluble), pH, and flashpoint. The grab and composite soil samples collected included:

Date	Sample ID	Sample Type	Parameter(s)
November 7, 2022	WC-VOC-01	Grab	VOCs
November 7, 2022	WC-VOC-02	Grab	VOCs
November 7, 2022	WC-VOC-03	Grab	VOCs
November 7, 2022	WC-VOC-04	Grab	VOCs
November 7, 2022	WC-VOC-05	Grab	VOCs

Leah Werner
December 14, 2022
Page 2 of 3

Date	Sample ID	Sample Type	Parameter(s)
November 7, 2022	WC-VOC-06	Grab	VOCs
November 7, 2022	WC-COMP-01	Composite	TCLP Metals, TCLP VOCs, Total Cyanide, Sulfide (acid soluble and insoluble), pH, flashpoint
November 7, 2022	WC-COMP-02	Composite	TCLP Metals, TCLP VOCs, Total Cyanide, Sulfide (acid soluble and insoluble), pH, flashpoint
November 7, 2022	WC-COMP-03	Composite	TCLP Metals, TCLP VOCs, Total Cyanide, Sulfide (acid soluble and insoluble), pH, flashpoint
November 7, 2022	WC-COMP-04	Composite	TCLP Metals, TCLP VOCs, Total Cyanide, Sulfide (acid soluble and insoluble), pH, flashpoint
November 7, 2022	WC-COMP-05	Composite	TCLP Metals, TCLP VOCs, Total Cyanide, Sulfide (acid soluble and insoluble), pH, flashpoint
November 7, 2022	WC-COMP-06	Composite	TCLP Metals, TCLP VOCs, Total Cyanide, Sulfide (acid soluble and insoluble), pH, flashpoint

Data associated with this activity will be submitted to EPA under separate cover.

C/D. WORK PLANNED FOR NEXT TWO MONTHS AND SCHEDULE OF SIGNIFICANT ACTIVITIES / DELIVERABLES

- Receive EPA approval of the OU-1 Supplemental Source Area Investigation Work Plan, dated November 18, 2022.
- A routine project status call is tentatively scheduled for December 21, 2022.
- Receive analytical associated with the November 7, 2022 sampling of IDW drums and coordinate with EPA regarding transportation and disposal.

Leah Werner
December 14, 2022
Page 2 of 3

E. CHANGES IN RI/FS WORK PLANS OR ACTIVITIES

- Continue discussions with USEPA and IDEM regarding bifurcation of groundwater as a new and separate OU.

F. ENCOUNTERED / ANTICIPATED DELAYS

- None.

G. COMMUNITY RELATIONS ACTIVITIES

- None requested.